

## EAST Search History

| Ref # | Hits | Search Query   | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|--|---|------------------|---------|------------------|
| L1    | 2    | "5870117".pn.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/01/03 10:13 |
| L2    | 2    | "6443555".pn.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/01/03 10:14 |
| L3    | 2    | "6775513".pn.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND              | OFF     | 2007/01/03 10:30 |
| L4    | 2    | "6755513".pn.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND              | OFF     | 2007/01/03 10:30 |
| S1    | 110  | "6439908"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND              | OFF     | 2006/04/07 09:47 |
| S2    | 2    | "20050157074"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND              | OFF     | 2006/04/25 13:00 |
| S3    | 3    | "347"/\$3.ccls. and conductive adj strips same twice same conductive adj strips  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND              | OFF     | 2005/11/03 10:25 |
| S4    | 63   | "347"/\$3.ccls. and (conductive or conduction) near6 (strips or pieces) same twice near6 (connection or connecting) near6 (pieces or strips) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND              | OFF     | 2005/11/03 10:27 |

## EAST Search History

|     |     |   |   |     |     |                  |
|-----|-----|---|---|-----|-----|------------------|
| S5  | 74  | (conductive or conduction) near6<br>(strips or pieces) same twice near6<br>(connection or connecting) near6<br>(pieces or strips) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2005/11/03 10:27 |
| S6  | 1   | "20020186285" "6796731"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2005/11/03 11:26 |
| S7  | 11  | "20020186285" "6796731"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | OFF | 2005/11/03 14:02 |
| S8  | 0   | "2343415" "615845"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2005/11/03 11:27 |
| S9  | 27  | "2343415" "615845"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | OFF | 2005/11/03 13:55 |
| S10 | 16  | "1991017051" "2001042026"<br>"2001064441" "2001064444"<br>"2001089849" "2002076748"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | OFF | 2005/11/03 11:27 |
| S11 | 0   | "347"/\$3.ccls. and (male and<br>female) same end and epoxy   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | OFF | 2005/11/03 13:55 |
| S12 | 102 | "347"/\$3.ccls. and (male and<br>female) same end and epoxy   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | OFF | 2005/11/03 13:56 |

## EAST Search History

|     |    |  |   |    |     |                  |
|-----|----|--|---|----|-----|------------------|
| S13 | 63 | "347"/\$3.ccls. and (male and female) near5 end and epoxy  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/11/03 13:56 |
| S14 | 63 | "347"/\$3.ccls. and (male and female) near5 end and epoxy near (sealant or sealent or sealing or seal or adhesive)                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/11/03 13:57 |
| S15 | 0  | "347"/\$3.ccls. and (male and female) near5 end and epoxy near (sealant or sealent or sealing or seal or adhesive) not silverbrook | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/11/03 13:57 |
| S16 | 7  | "347"/\$3.ccls. and (male and female) near5 end not silverbrook  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/11/03 13:59 |
| S17 | 91 | "347"/\$3.ccls. and (male and female) near5 end  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/11/03 14:00 |
| S18 | 48 | 347/86.ccls. and male and female   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/11/03 14:27 |
| S19 | 33 | 347/86.ccls. and male and female not silverbrook   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/11/03 14:00 |
| S20 | 61 | 347/86.ccls. and (epoxy or polyepoxide)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2005/11/03 14:27 |

## EAST Search History

|     |     |  |   |     |     |                  |
|-----|-----|--|---|-----|-----|------------------|
| S21 | 10  | 347/86.ccls. and (epoxy or polyepoxide) near (sealant or sealant or sealing or seal or adhesive) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | OFF | 2005/11/03 14:28 |
| S22 | 2   | "20050157060"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2005/11/04 07:46 |
| S23 | 298 | media near guide and "347"/\$3.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2005/11/04 09:09 |
| S24 | 0   | media near guide and gap near (orifice\$ or nozzle\$) and "347"/\$3.ccls.                        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2005/11/04 08:00 |
| S25 | 32  | media near guide and protect near (orifice\$ or nozzle\$) and "347"/\$3.ccls.                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2005/11/04 08:01 |
| S26 | 41  | media near guide and (protect\$3 or gap) near7 (orifice\$ or nozzle\$) and "347"/\$3.ccls.       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2005/11/04 08:03 |
| S27 | 4   | media near guide and 347/86.ccls. and (stationary or line\$type or fixed)                        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2005/11/04 08:05 |
| S28 | 390 | media near guide and (stationary or line\$type or fixed or page\$width) not silverbrook          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2005/11/04 08:06 |

## EAST Search History

|     |      |   |   |     |     |                  |
|-----|------|---|---|-----|-----|------------------|
| S29 | 90   | media near guide and (stationary or line\$type or fixed or page\$width) not silverbrook and "347"/\$3.ccls. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2005/11/04 08:07 |
| S30 | 52   | media near guide and (stationary or line\$type or page\$width) not silverbrook and "347"/\$3.ccls.          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2005/11/04 08:07 |
| S31 | 2    | "20030202034"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2005/11/04 10:24 |
| S32 | 2    | "20030007042"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2005/11/04 10:25 |
| S33 | 2004 | 347/85.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2005/11/18 06:46 |
| S34 | 10   | "6755513"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2006/04/07 11:21 |
| S35 | 1    | 2001-159228.NRAN.   | DERWENT   | AND | OFF | 2006/04/07 09:55 |
| S36 | 93   | silverbrook.in. and cradle and (shield)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2006/04/07 10:18 |
| S37 | 2    | "20050157125"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2006/04/07 10:19 |

## EAST Search History

|     |     |  |   |     |     |                  |
|-----|-----|--|---|-----|-----|------------------|
| S38 | 2   | "20050157125" and cradle and shield  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2006/04/07 10:21 |
| S39 | 724 | printer and body same shield   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2006/04/07 10:21 |
| S40 | 6   | printer and body same (shield with air with duct)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON  | 2006/04/07 10:24 |
| S41 | 6   | (printer or "347"/\$3) and body same (shield with air with duct)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON  | 2006/04/07 10:25 |
| S42 | 17  | (printer or "347"/\$3) and (body or carriage or structure or case or casing) same (shield with air with duct)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON  | 2006/04/07 10:28 |
| S43 | 0   | ("6652082" "6679584" "6382769" "6672706" "5221397" "5160945" "4985710" "6017117" "6554398" "6270177" "03086770").pn.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON  | 2006/04/07 10:29 |
| S44 | 21  | ("6652082" "6679584" "6382769" "6672706" "5221397" "5160945" "4985710" "6017117" "6554398" "6270177" "03086770").pn.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON  | 2006/04/07 10:33 |
| S45 | 0   | ("6652082" "6679584" "6382769" "6672706" "5221397" "5160945" "4985710" "6017117" "6554398" "6270177" "03086770").pn. and (cradle or body or cradling or structure or outside or frame) and (shield or shielding) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON  | 2006/04/07 10:32 |

## EAST Search History

|     |       |   |   |    |    |                  |
|-----|-------|---|---|----|----|------------------|
| S46 | 3     | ("6652082" "6679584" "6382769" "6672706" "5221397" "5160945" "4985710" "6017117" "6554398" "6270177" "03086770").pn. and (cradle or body or cradling or structure or outside or frame) and (shield or shielding or protect or protect\$3) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/04/07 10:32 |
| S47 | 848   | (hewlet packard).in.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/04/07 10:34 |
| S48 | 53294 | (hewlet packard).as.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/04/07 10:34 |
| S49 | 12104 | (hewlet packard).as. and printer  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/04/07 10:34 |
| S50 | 88    | (hewlet packard).as. and printer with (body or structure or casing) and (shield\$3)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/04/07 10:35 |
| S51 | 0     | (hewlet packard).as. and printer with (body or structure or casing) and ((seal\$3 or shield\$3 or cover\$3 or protect\$3) near (air near duct))   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/04/07 10:36 |
| S52 | 16    | (hewlet packard).as. and printer with (body or structure or casing) and ((seal\$3 or shield\$3 or cover\$3 or protect\$3) near ((air near duct) or vent\$3))  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/04/07 10:45 |
| S53 | 45    | printer with (body or structure or casing) and ((seal\$3 or shield\$3 or cover\$3 or protect\$3) near ((air near duct) or vent\$3))   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/04/07 10:45 |

## EAST Search History

|     |     |  |   |     |     |                  |
|-----|-----|--|---|-----|-----|------------------|
| S54 | 14  | printer with (body or structure or casing) same ((seal\$3 or shield\$3 or cover\$3 or protect\$3) near ((air near duct) or vent\$3)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON  | 2006/04/07 10:51 |
| S55 | 2   | "6893109".pn.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON  | 2006/04/07 10:58 |
| S56 | 593 | printer same (air with duct)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON  | 2006/04/07 10:58 |
| S57 | 123 | printer same (air with duct) same (shield\$3 or protect\$3 or cover\$3)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON  | 2006/04/07 11:01 |
| S58 | 38  | printer same (air with duct) with (shield\$3 or protect\$3 or cover\$3)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON  | 2006/04/07 11:04 |
| S59 | 170 | printer same (air with duct) same (cover\$3 or structure or cas\$3 or case)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON  | 2006/04/07 11:06 |
| S60 | 89  | printer same (air near duct) same (cover\$3 or structure or cas\$3 or case)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON  | 2006/04/07 11:06 |
| S61 | 2   | "6755513".pn.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2006/04/07 11:31 |



## EAST Search History

|     |      |  |   |     |     |                  |
|-----|------|--|---|-----|-----|------------------|
| S62 | 2365 | (shield\$3 or cover\$3) with (air near duct) and (cas\$3 or covering or structure)                           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2006/04/07 11:33 |
| S63 | 11   | (shield\$3 or cover\$3) with (air near duct) same printer and (cas\$3 or covering or structure) same printer | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2006/04/07 11:34 |
| S64 | 290  | (shield\$3 or cover\$3) with ((air near duct) or vent) and (cas\$3 or covering or structure) same printer    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2006/04/07 11:34 |
| S65 | 50   | (shield\$3 or cover\$3) with ((air near duct) or vent) same (cas\$3 or covering or structure) same printer   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2006/04/24 11:38 |
| S66 | 1    | "20050157061"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2006/04/07 11:53 |
| S67 | 0    | 347/42 and cradle  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON  | 2006/04/24 11:35 |
| S68 | 6234 | (plot or plotting or plots or plotter) and ink\$jet  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON  | 2006/04/24 11:36 |
| S69 | 2    | "6893109".pn.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2006/04/24 11:39 |

## EAST Search History

|     |      |  |   |     |     |                  |
|-----|------|--|---|-----|-----|------------------|
| S70 | 2004 | cradle and (page\$width or stationary or elongated) with (print\$head or head or cartridge)                                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2006/04/24 11:42 |
| S71 | 642  | cradle same (page\$width or stationary or elongated) with (print\$head or head or cartridge)                               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2006/04/24 11:43 |
| S72 | 66   | cradle same (page\$width or stationary or elongated) with (print\$head or head or cartridge) and "347"/\$3                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2006/04/24 11:45 |
| S73 | 1    | cradle same (page\$width or stationary or elongated) with (print\$head or head or cartridge) not silverbrook and "347"/\$3 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2006/04/24 11:45 |
| S74 | 3031 | (page\$width or stationary or elongated) with (print\$head or head or cartridge) not silverbrook and "347"/\$3             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2006/04/24 11:45 |
| S75 | 1476 | (page\$width or elongated) with (print\$head or head or cartridge) not silverbrook and "347"/\$3                           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2006/04/24 11:45 |
| S76 | 1284 | (page\$width or elongated) with (print\$head or head) not silverbrook and "347"/\$3  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2006/04/24 11:51 |
| S77 | 11   | "6196672"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2006/04/24 11:49 |

## EAST Search History

|     |      |  |   |     |     |                  |
|-----|------|--|---|-----|-----|------------------|
| S78 | 314  | (page\$width) with (print\$head or head) not silverbrook and "347"/\$3 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2006/04/24 11:52 |
| S79 | 1    | 10/827045  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2006/04/24 15:20 |
| S80 | 1496 | 347/9  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2006/04/24 12:51 |
| S81 | 0    | ("20020093551" "6174037").pn.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2006/04/24 12:51 |
| S82 | 4    | ("20020093551" "6174037").pn.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | OFF | 2006/04/24 12:51 |
| S83 | 2    | ((guard or gaurd) near transistor) and "347"/\$3                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON  | 2006/04/24 15:21 |
| S84 | 154  | ((guard or gaurd) near transistor)                                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON  | 2006/04/24 15:21 |
| S85 | 23   | ((guard or gaurd) adj transistor)                                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON  | 2006/04/24 15:21 |

## EAST Search History

|     |     |   |   |     |     |                  |
|-----|-----|---|---|-----|-----|------------------|
| S86 | 893 | 347/42  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2006/04/25 13:02 |
| S87 | 1   | 10/822195   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2006/04/25 13:02 |
| S88 | 75  | 10/760248   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON  | 2006/08/16 15:08 |
| S89 | 14  | 10/760248 and shield  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON  | 2006/08/16 15:30 |
| S90 | 3   | (page\$width or line\$type) with<br>(head or print\$head) same shield   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON  | 2006/08/16 15:30 |
| S91 | 70  | (page\$width or line\$type) with<br>(head or print\$head) same (shield<br>or protect\$3)                                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON  | 2006/08/16 15:30 |
| S92 | 908 | ((page\$width or line\$type) with<br>(head or print\$head)) and ((head<br>or print\$head) same (shield or<br>protect\$3)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON  | 2006/08/17 09:58 |
| S93 | 4   | "6775513".pn. or "5870117".pn.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2006/08/17 10:17 |

## EAST Search History

|      |      |  |   |     |     |                  |
|------|------|--|---|-----|-----|------------------|
| S94  | 4    | "6755513".pn. or "5870117".pn.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2006/08/17 10:29 |
| S95  | 2    | "6775513".pn.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2006/08/17 13:03 |
| S96  | 2    | "6755513".pn.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2006/08/17 13:03 |
| S97  | 166  | 10/760248  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2006/12/28 14:32 |
| S98  | 2    | "20050157125".pn.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2006/12/28 14:24 |
| S99  | 5005 | "347"/\$3 and (shield\$3 or protect\$3 or cover\$3 or remov\$3) with (medium or paper or media) with (nozzle or orifice or eject\$3 or print\$3)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON  | 2006/12/28 14:26 |
| S100 | 1886 | "347"/\$3 and (shield\$3 or protect\$3 or cover\$3 or remov\$3) near4 (nozzle or orifice or eject\$3 or print\$3) near4 (medium or paper or media) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON  | 2006/12/28 14:28 |
| S101 | 1214 | "347"/\$3 and (shield\$3 or protect\$3 or cover\$3) near4 (nozzle or orifice or eject\$3 or print\$3) near4 (medium or paper or media)             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | ON  | 2006/12/28 14:29 |

## EAST Search History

|          |      |  |   |     |     |                  |
|----------|------|--|---|-----|-----|------------------|
| S10<br>2 | 2    | "6443555".pn.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2006/12/28 15:00 |
| S10<br>3 | 2694 | silverbrook.in. and (page\$1width or<br>line\$1type) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2006/12/28 14:34 |
| S10<br>4 | 2    | "6755513".pn.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | AND | OFF | 2006/12/28 15:00 |